

Building Site Development

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation. See text for further explanation of ratings in this table.)

Wayne County, Iowa

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
AaC: Adair-----	100	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.19
		Low strength	1.00	Too clayey	0.41		
		Shrink-swell	1.00				
		Depth to saturated zone	0.19				
AaC2: Adair-----	100	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.19
		Low strength	1.00	Too clayey	0.41		
		Shrink-swell	1.00				
		Depth to saturated zone	0.19				
AaD: Adair-----	100	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Slope	0.63
		Low strength	1.00	Slope	0.63	Depth to saturated zone	0.19
		Shrink-swell	1.00	Too clayey	0.41		
		Slope	0.63				
		Depth to saturated zone	0.19				
AaD2: Adair-----	100	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Slope	0.63
		Low strength	1.00	Slope	0.63	Depth to saturated zone	0.19
		Shrink-swell	1.00	Too clayey	0.41		
		Slope	0.63				
		Depth to saturated zone	0.19				

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AdC3: Adair-----	100	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.19
		Low strength	1.00	Too clayey	0.41		
		Shrink-swell	1.00				
		Depth to saturated zone	0.19				
AdD3: Adair-----	100	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Slope	0.63
		Low strength	1.00	Slope	0.63	Depth to saturated zone	0.19
		Shrink-swell	1.00	Too clayey	0.41		
		Slope	0.63				
		Depth to saturated zone	0.19				
AsD2: Adair-----	55	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Slope	0.63
		Low strength	1.00	Slope	0.63	Depth to saturated zone	0.19
		Shrink-swell	1.00	Too clayey	0.41		
		Slope	0.63				
		Depth to saturated zone	0.19				
Shelby-----	35	Very limited Low strength	1.00	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
		Slope	0.63	Depth to saturated zone	0.16		
		Shrink-swell	0.50				
		Frost action	0.50				

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
AsD3: Adair-----	55	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Slope	0.63
		Low strength	1.00	Slope	0.63	Depth to saturated zone	0.19
		Shrink-swell	1.00	Too clayey	0.41		
		Slope	0.63				
		Depth to saturated zone	0.19				
Shelby-----	35	Very limited Low strength	1.00	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
		Slope	0.63	Depth to saturated zone	0.16		
		Shrink-swell	0.50				
		Frost action	0.50				
CaD2: Caleb-----	100	Very limited Low strength	1.00	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
		Slope	0.63	Depth to saturated zone	0.61		
		Shrink-swell	0.50				
		Frost action	0.50				
CaE2: Caleb-----	100	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
		Low strength	1.00	Depth to saturated zone	0.61		
		Shrink-swell	0.50				
		Frost action	0.50				
CbD3: Caleb-----	100	Very limited Low strength	1.00	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
		Slope	0.63	Depth to saturated zone	0.61		
		Shrink-swell	0.50				
		Frost action	0.50				

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
CbE3: Caleb-----	100	Very limited Slope Low strength Shrink-swell Frost action	 1.00 1.00 0.50 0.50	Very limited Slope Depth to saturated zone	 1.00 0.61	Very limited Slope	1.00
Ch: Chequest-----	100	Very limited Depth to saturated zone Frost action Flooding Low strength Shrink-swell	 1.00 1.00 1.00 1.00 1.00	Very limited Depth to saturated zone Flooding	 1.00 0.60	Very limited Depth to saturated zone Flooding	 1.00 0.60
ClC: Clarinda-----	100	Very limited Frost action Low strength Shrink-swell Depth to saturated zone	 1.00 1.00 1.00 0.19	Very limited Depth to saturated zone Too clayey	 1.00 0.50	Somewhat limited Depth to saturated zone	0.19
ClC2: Clarinda-----	100	Very limited Frost action Low strength Shrink-swell Depth to saturated zone	 1.00 1.00 1.00 0.19	Very limited Depth to saturated zone Too clayey	 1.00 0.50	Somewhat limited Depth to saturated zone	0.19
ClD2: Clarinda-----	100	Very limited Frost action Low strength Shrink-swell Slope Depth to saturated zone	 1.00 1.00 1.00 0.63 0.19	Very limited Depth to saturated zone Slope Too clayey	 1.00 0.63 0.50	Somewhat limited Slope Depth to saturated zone	 0.63 0.19

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
CmC3: Clarinda-----	100	Very limited Frost action Low strength Shrink-swell Depth to saturated zone Slope	1.00 1.00 1.00 0.19 0.01	Very limited Depth to saturated zone Too clayey Slope	1.00 0.50 0.01	Very limited Too clayey Depth to saturated zone Slope	1.00 0.19 0.01
Co: Colo-----	100	Very limited Depth to saturated zone Frost action Flooding Low strength Shrink-swell	1.00 1.00 1.00 1.00 0.50	Very limited Depth to saturated zone Flooding	1.00 0.60	Very limited Depth to saturated zone Flooding	1.00 0.60
CoB: Colo-----	100	Very limited Depth to saturated zone Frost action Low strength Shrink-swell	1.00 1.00 1.00 0.50	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
Cz: Colo-----	55	Very limited Depth to saturated zone Frost action Flooding Low strength Shrink-swell	1.00 1.00 1.00 1.00 0.50	Very limited Depth to saturated zone Flooding	1.00 0.60	Very limited Depth to saturated zone Flooding	1.00 0.60
Zook-----	35	Very limited Depth to saturated zone Frost action Flooding Low strength Shrink-swell	1.00 1.00 1.00 1.00 1.00	Very limited Depth to saturated zone Flooding Too clayey	1.00 0.60 0.01	Very limited Depth to saturated zone Flooding	1.00 0.60

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Ed: Edina-----	100	Very limited Shrink-swell Depth to saturated zone Low strength Frost action	1.00 1.00 1.00 0.50	Very limited Depth to saturated zone Too clayey	1.00 0.72	Very limited Depth to saturated zone	1.00
GaD2: Gara-----	100	Very limited Low strength Slope Shrink-swell Frost action	1.00 0.63 0.50 0.50	Somewhat limited Slope Depth to saturated zone	0.63 0.16	Somewhat limited Slope	0.63
GaE: Gara-----	100	Very limited Slope Low strength Shrink-swell Frost action	1.00 1.00 0.50 0.50	Very limited Slope Depth to saturated zone	1.00 0.16	Very limited Slope	1.00
GaE2: Gara-----	100	Very limited Slope Low strength Shrink-swell Frost action	1.00 1.00 0.50 0.50	Very limited Slope Depth to saturated zone	1.00 0.16	Very limited Slope	1.00
GaF: Gara-----	100	Very limited Slope Low strength Shrink-swell Frost action	1.00 1.00 0.50 0.50	Very limited Slope Depth to saturated zone	1.00 0.16	Very limited Slope	1.00

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GaF2: Gara-----	100	Very limited Slope Low strength Shrink-swell Frost action	 1.00 1.00 0.50 0.50	Very limited Slope Depth to saturated zone	 1.00 0.16	Very limited Slope	1.00
GrE3: Gara-----	100	Very limited Slope Low strength Shrink-swell Frost action	 1.00 1.00 0.50 0.50	Very limited Slope Depth to saturated zone	 1.00 0.16	Very limited Slope	1.00
GuB: Grundy-----	100	Very limited Frost action Low strength Shrink-swell Depth to saturated zone	 1.00 1.00 1.00 0.03	Very limited Depth to saturated zone Too clayey	 1.00 0.12	Somewhat limited Depth to saturated zone	0.03
GuC: Grundy-----	100	Very limited Frost action Low strength Shrink-swell Depth to saturated zone	 1.00 1.00 1.00 0.03	Very limited Depth to saturated zone Too clayey	 1.00 0.12	Somewhat limited Depth to saturated zone	0.03
GuC2: Grundy-----	100	Very limited Frost action Low strength Shrink-swell Depth to saturated zone	 1.00 1.00 1.00 0.03	Very limited Depth to saturated zone Too clayey	 1.00 0.12	Somewhat limited Depth to saturated zone	0.03

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Ha: Haig-----	100	Very limited Depth to saturated zone Frost action Low strength Shrink-swell	1.00 1.00 1.00 1.00	Very limited Depth to saturated zone Too clayey	1.00 0.12	Very limited Depth to saturated zone	1.00
Hu: Humeston-----	100	Very limited Depth to saturated zone Frost action Flooding Low strength Shrink-swell	1.00 1.00 1.00 1.00 1.00	Very limited Depth to saturated zone Flooding	1.00 0.60	Very limited Depth to saturated zone Flooding	1.00 0.60
HuB: Humeston-----	100	Very limited Depth to saturated zone Frost action Flooding Low strength Shrink-swell	1.00 1.00 1.00 1.00 1.00	Very limited Depth to saturated zone Flooding	1.00 0.60	Very limited Depth to saturated zone Flooding	1.00 0.60
KnB: Kniffin-----	100	Very limited Low strength Shrink-swell Frost action	1.00 1.00 0.50	Very limited Depth to saturated zone Too clayey	0.95 0.68	Not limited	
KnC: Kniffin-----	100	Very limited Low strength Shrink-swell Frost action	1.00 1.00 0.50	Very limited Depth to saturated zone Too clayey	0.95 0.68	Not limited	
KnC2: Kniffin-----	100	Very limited Low strength Shrink-swell Frost action	1.00 1.00 0.50	Very limited Depth to saturated zone Too clayey	0.95 0.68	Not limited	

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
LaC2: Lamoni-----	100	Very limited Low strength	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.19
		Shrink-swell	1.00	Too clayey	0.08		
		Frost action	0.50				
		Depth to saturated zone	0.19				
LaD2: Lamoni-----	100	Very limited Low strength	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Slope	0.63
		Shrink-swell	1.00	Slope	0.63	Depth to saturated zone	0.19
		Slope	0.63	Too clayey	0.08		
		Frost action	0.50				
		Depth to saturated zone	0.19				
LmD3: Lamoni-----	100	Very limited Low strength	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Slope	0.63
		Shrink-swell	1.00	Slope	0.63	Depth to saturated zone	0.19
		Slope	0.63	Too clayey	0.08		
		Frost action	0.50				
		Depth to saturated zone	0.19				
Ln: Lawson-----	55	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Flooding	0.60
		Flooding	1.00	Flooding	0.60	Depth to saturated zone	0.19
		Depth to saturated zone	0.19				
Nodaway-----	35	Very limited Frost action	1.00	Somewhat limited Depth to saturated zone	0.61	Somewhat limited Flooding	0.60
		Flooding	1.00	Flooding	0.60		
		Low strength	1.00				
		Shrink-swell	0.50				

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LoF2: Lindley-----	100	Very limited Slope Low strength Shrink-swell Frost action	 1.00 1.00 0.50 0.50	Very limited Slope	1.00	Very limited Slope	1.00
LvC: Lineville-----	100	Very limited Frost action Low strength Shrink-swell Depth to saturated zone	 1.00 1.00 0.50 0.19	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.19
LvC2: Lineville-----	100	Very limited Frost action Low strength Shrink-swell Depth to saturated zone	 1.00 1.00 0.50 0.19	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.19
MyC2: Mystic-----	100	Very limited Frost action Low strength Shrink-swell	 1.00 1.00 1.00	Somewhat limited Depth to saturated zone	0.61	Not limited	
OmB: Olmitz-----	100	Very limited Low strength Shrink-swell Frost action	 1.00 0.50 0.50	Somewhat limited Depth to saturated zone	0.16	Not limited	
OvB: Olmitz-----	35	Very limited Low strength Shrink-swell Frost action	 1.00 0.50 0.50	Somewhat limited Depth to saturated zone	0.16	Not limited	

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Vesser-----	30	Very limited Frost action Flooding Low strength Shrink-swell Depth to saturated zone	1.00 1.00 1.00 0.50 0.19	Very limited Depth to saturated zone Flooding	1.00 0.60	Somewhat limited Flooding Depth to saturated zone	0.60 0.19
Colo-----	25	Very limited Depth to saturated zone Frost action Low strength Shrink-swell	1.00 1.00 1.00 0.50	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
PeC: Pershing-----	100	Very limited Frost action Low strength Shrink-swell	1.00 1.00 1.00	Very limited Depth to saturated zone Too clayey	0.95 0.01	Not limited	
PeC2: Pershing-----	100	Very limited Frost action Low strength Shrink-swell	1.00 1.00 1.00	Very limited Depth to saturated zone Too clayey	0.95 0.01	Not limited	
PhB: Pershing-----	100	Very limited Frost action Low strength Shrink-swell	1.00 1.00 1.00	Very limited Depth to saturated zone Too clayey	0.95 0.01	Not limited	
PhC2: Pershing-----	100	Very limited Frost action Low strength Shrink-swell	1.00 1.00 1.00	Very limited Depth to saturated zone Too clayey	0.95 0.01	Not limited	

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RaC: Rathbun-----	100	Very limited Low strength	1.00	Very limited Depth to saturated zone	0.95	Not limited	
		Shrink-swell Frost action	1.00 0.50	Too clayey	0.68		
RaC2: Rathbun-----	100	Very limited Low strength	1.00	Very limited Depth to saturated zone	0.95	Not limited	
		Shrink-swell Frost action	1.00 0.50	Too clayey	0.68		
SeB: Seymour-----	100	Very limited Low strength	1.00	Very limited Depth to saturated zone	0.95	Not limited	
		Shrink-swell Frost action	1.00 0.50	Too clayey	0.15		
SfC: Seymour-----	100	Very limited Low strength	1.00	Very limited Depth to saturated zone	0.95	Not limited	
		Shrink-swell Frost action	1.00 0.50	Too clayey	0.15		
SfC2: Seymour-----	100	Very limited Low strength	1.00	Very limited Depth to saturated zone	0.95	Not limited	
		Shrink-swell Frost action	1.00 0.50	Too clayey	0.15		
ShD: Shelby-----	100	Very limited Low strength Slope	1.00 0.63	Somewhat limited Slope Depth to saturated zone	0.63 0.16	Somewhat limited Slope	0.63
		Shrink-swell Frost action	0.50 0.50				

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
ShD2: Shelby-----	100	Very limited Low strength Slope Shrink-swell Frost action	1.00 0.63 0.50 0.50	Somewhat limited Slope Depth to saturated zone	0.63 0.16	Somewhat limited Slope	0.63
ShE: Shelby-----	100	Very limited Slope Low strength Shrink-swell Frost action	1.00 1.00 0.50 0.50	Very limited Slope Depth to saturated zone	1.00 0.16	Very limited Slope	1.00
ShE2: Shelby-----	100	Very limited Slope Low strength Shrink-swell Frost action	1.00 1.00 0.50 0.50	Very limited Slope Depth to saturated zone	1.00 0.16	Very limited Slope	1.00
ShF2: Shelby-----	100	Very limited Slope Low strength Shrink-swell Frost action	1.00 1.00 0.50 0.50	Very limited Slope Depth to saturated zone	1.00 0.16	Very limited Slope	1.00
SoD3: Shelby-----	100	Very limited Low strength Slope Shrink-swell Frost action	1.00 0.63 0.50 0.50	Somewhat limited Slope Depth to saturated zone	0.63 0.16	Somewhat limited Slope	0.63
SoE3: Shelby-----	100	Very limited Slope Low strength Shrink-swell Frost action	1.00 1.00 0.50 0.50	Very limited Slope Depth to saturated zone	1.00 0.16	Very limited Slope	1.00

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Ve: Vesser-----	95	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Flooding	0.60
		Flooding	1.00	Flooding	0.60	Depth to saturated zone	0.19
		Low strength	1.00				
		Shrink-swell	0.50				
		Depth to saturated zone	0.19				
VeB: Vesser-----	95	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Flooding	0.60
		Flooding	1.00	Flooding	0.60	Depth to saturated zone	0.19
		Low strength	1.00				
		Shrink-swell	0.50				
		Depth to saturated zone	0.19				
W: Water-----	100	Not rated		Not rated		Not rated	
Wa: Wabash-----	95	Very limited Shrink-swell	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Flooding	0.60	Too clayey	1.00
		Flooding	1.00	Too clayey	0.50	Flooding	0.60
		Low strength	1.00				
		Frost action	0.50				
Zo: Zook-----	100	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Frost action	1.00	Flooding	0.60	Flooding	0.60
		Flooding	1.00				
		Low strength	1.00				
		Shrink-swell	1.00				